draft-ietf-manet-nhdp-**mib**-01
draft-ietf-manet-olsrv2-**mib**-01

Ulrich Herberg

Robert Cole

Thomas Clausen / Ian Chakeres

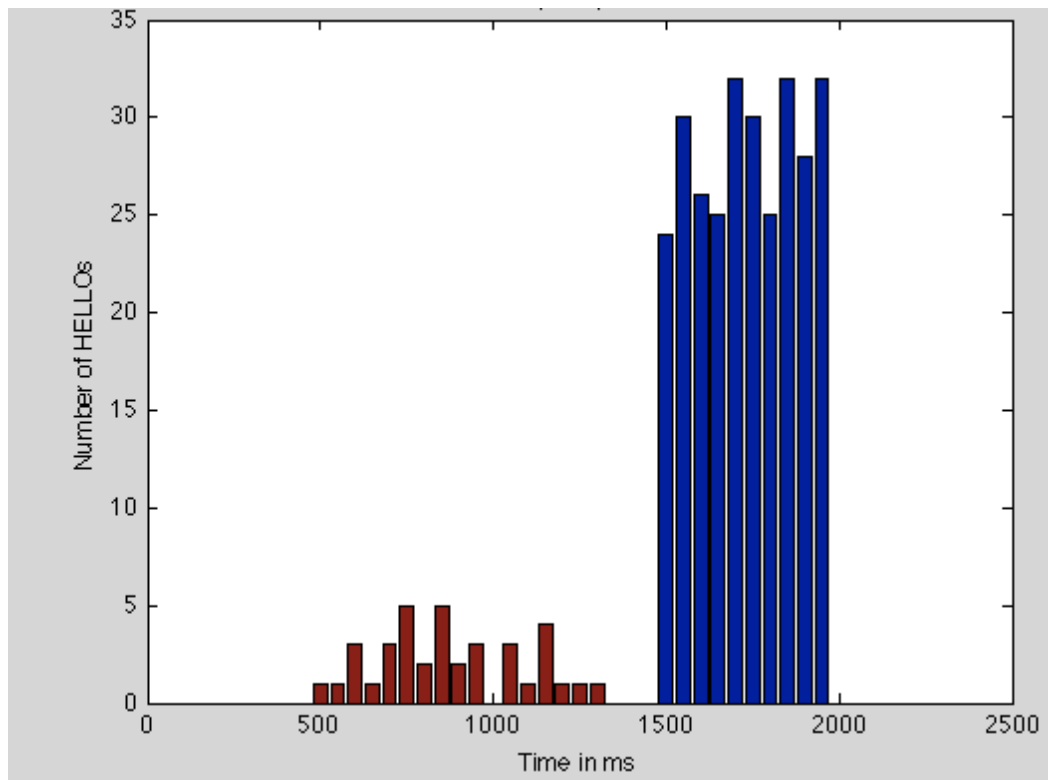# Intended Changes of the NHDP-MIB and OLSRv2-MIB

- Add objects in the Performance group in NHDP-/OLSRv2-MIB

- Add objects in the Notification group in NHDP-/OLSRv2-MIB

Status so far:

- Started with NHDP-MIB Performance group

NHDP: Performance Group

- Acquire history of message scheduling instance

- Changes of the frequency of message scheduling instance

Example: Number of periodic (blue) and triggered (red) HELLOs in 500s time

NHDP: Performance Group

- **Frequency of** LinkSet/Neighbor/2-hop Set **updates**

- "**Stability**" of a neighbor: Uptime / Is it flapping between several different links?

- "**Stability** " of a 2-hop neighbor: Uptime of a **2-hop** neighbor / Is it flapping between different 1-hop neighbors?

NHDP: Performance Group

- Number/size (total + per second) of sent/received HELLOs

- Number of missed messages from a neighbor (based on sequence number)

- Success rate of received messages
  (received_msgs / total_msgs based on sequence number)

OLSRv2: Performance Group

- Number/size (total + per second) of sent/received TCs

- Frequency of routing table recalculation

- Frequency of changes of MPR (selector) set

- More to come…

Questions?